





There is More to With-Profits Life than Non-Profit Conversion

Moving Endowments to Prospective and Other Simplifications

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Introduction

- History
- Simplifications programme
- Moving endowments to prospective
- Questions







History

- Sun Life Group demutualised in 2000
- 3 small funds have converted to non-profit
- SLOC With-Profits Fund:
 - Medium-sized, 100% / 0% fund
 - Whole of life with some GMDB
 - Endowment quickly running off
 - Pension with high guarantees.









Reasons to significantly simplify

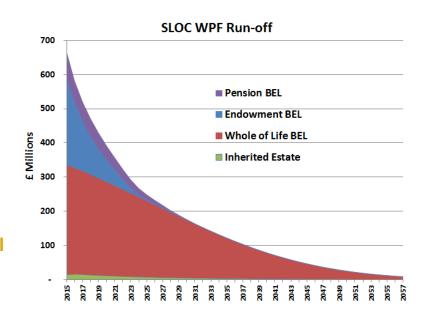
Customers benefit

- Reduced cost
- Fairer distribution of assets.

Shareholders benefit

- Reduced monitoring
- Simpler and easier to understand.

Benefits of complexities no longer material

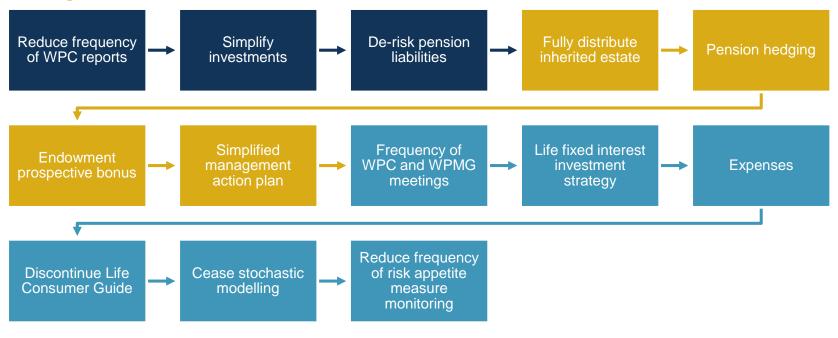








Simplifications of the SLOC With-Profits Fund



2016

2017

2018







Changes to simplifications programme

- Some ideas came to us later
- Changed the order
- Retained frequency of customer outcomes WPC paper
- Retained Segregated Sub-Fund
- Renewed expense cap agreement.







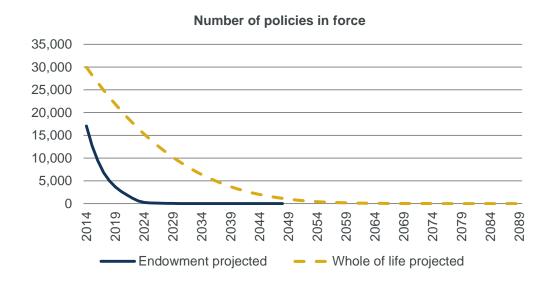




The need for change

Endowment bonuses – current asset share approach

- AS calculated for each maturing endowment policy, accruing premiums paid less cost of life cover, commission paid and expenses incurred (net of tax relief), using asset investment returns
- Policies including AS are grouped by duration at maturity, using 5-year groupings
- Terminal bonus rates are set by comparing projected guaranteed benefits to projected AS, by groupings.









Endowment bonuses – the need for change

- Few policies in some groupings
- Hand smoothing of terminal bonus rates required to mitigate volatility between bonus years and policy years
- Led to subjectivity and manual intervention: we used expert judgement to ensure that teminal bonus scales appear reasonable and in order to achieve target of 90% of maturity payouts being in 80% - 120% range of AS
- As endowment business runs off further, problem would worsen for all policies.







Endowment bonuses – the BRV method

Aims

- Fair, smooth, stable, predictable and objective customer payouts
- Remove manual intervention
- Reduce effort required Whole of life already uses BRV
- Reduce expenditure.











How it works

Endowment bonuses – the BRV method

How BRV meets these aims

- Terminal bonuses are solved for such that the present value of future liability cash flows
 distributable assets
- Terminal bonuses remain unchanged over time should economic conditions meet expectations.







The BRV method – how it works

Current BRV methodology used for Whole of Life

- TBs are solved for by setting an initial terminal bonus scale and scaling it using a parameter λ
- λ is solved for at each bonus declaration and is the same for all policies.







The BRV method – for Endowments

Considerations:

- Separate calculation to whole of life?
 - Separate assets backing endowment and whole of life business and solving for two values of λ
 - Leads to a tontine effect.
- Proposal is to use one calculation for both endowment and whole of life business
 - Single pot of assets and single λ
 - Cross-subsidy between whole of life and endowment.











Bonus scales and design constraints

Design constraints

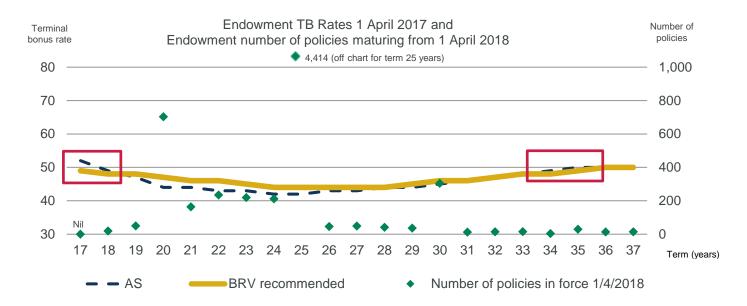
- Minimise cross-subsidy between whole of life and endowment, and where possible between subgroups therein
- Minimise number of endowment policies whose benefits are materially impacted by the move from AS to BRV
- Minimise the number of whole of life policies whose benefits are materially impacted by combining the endowment and whole of life policies.
- Terminal bonuses will increase for any one policy from each policy year to the next, unless this would create material cross-subsidy between sub-groups
- Initial total BRV for endowments is set equal to total AS.







Terminal bonus scales



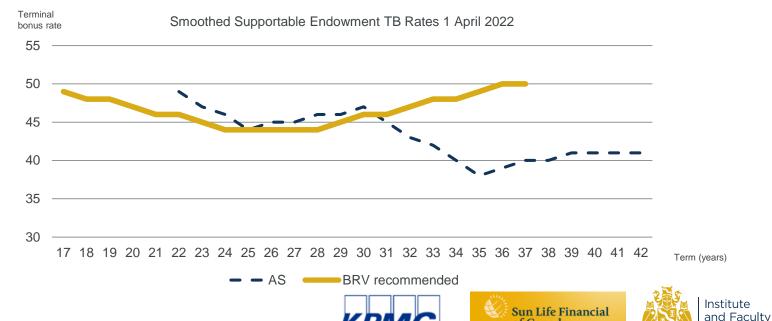






Endowment prospective (BRV) vs AS bonus

Terminal bonus scales in 5 years



of Canada

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Conclusion

- Simplifications programme
- Moving endowments to prospective
- Benefits







Questions

Comments

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